

Dr. Andrew Page

Education

2003 – 2008: **Ph.D. In Computer Science**

National University of Ireland, Maynooth, Co. Kildare.

Research Topic: Adaptive scheduling in heterogeneous distributed systems.

Awarded funding for a PhD by the Irish Research Council for Science Engineering and Technology.

1999 – 2003: **B.Sc. In Computer Science and Software Engineering** (1st class honour)

National University of Ireland, Maynooth, Co. Kildare.

Main topics of interest: Distributed/parallel computing, scheduling, optimisation, load balancing.

Languages: proficient to an advanced level - Java, Perl, PHP.

Publications

Journal Publications

Andrew J. Page, Thomas M. Keane and Thomas J. Naughton, Scheduling in a dynamic heterogeneous distributed system using estimation error, *Journal of Parallel and Distributed Computing*, Volume 68, Issue 11, November 2008, 1452-1462.

Andrew J. Page, Lukas Ahrenberg, Thomas J. Naughton, Low memory distributed reconstruction of large digital holograms, *Optics Express* 16, 1990-1995 (2008).

Andrew J. Page, Thomas J. Naughton, Framework for task scheduling in heterogeneous distributed computing using genetic algorithms, *Artificial Intelligence Review*, Volume 24, Numbers 3-4, November 2005, Pages: 415 - 429, Springer.

Lukas Ahrenberg, Andrew J. Page, Bryan M. Hennelly, John B. McDonald, and Thomas J. Naughton, Using commodity graphics hardware for real-time digital hologram view-reconstruction, *Journal of Display Technology*, vol. 5, no. 1, 2009.

Thomas M. Keane, Andrew J. Page, Thomas J. Naughton, S.A.A. Travers, J.O. McInerney, Building large phylogenetic trees on coarse-grained parallel machines, *Algorithmica*, Springer, vol. 45, no. 3, pp. 285-300, July 2006.

Also published 8 peer reviewed conference papers.

Professional Activities

Reviewer for the following journals:

- IEEE transactions on Parallel and Distributed Systems
- Journal of Parallel and Distributed Computing
- International Journal of Parallel, Emergent and Distributed Systems

- IEEE transactions on Systems, Man and Cybernetics
- Knowledge and Information Systems
- Computers & Operations Research
- Science of Computer Programming
- Computer (IEEE)
- Journal of Computers

Employment

Post Doctoral Research Fellow

Sept 2008 - present National College of Ireland, Dublin.
Enterprise Ireland funded commercialisation of academic research in the field of dialogue systems (includes natural language processing).

Associate Faculty lecturer

Jan 2008 - present National College of Ireland, Dublin.
Lecture undergraduate BSc Software Systems Engineering in the School of Computing.
Subjects taught: Web development, Distributed Applications, Computing Fundamentals.

Part-time Lecturer

March 2008 - present Dept. of Computer Science,
National University of Ireland, Maynooth.
Lectured the Internet Solutions Engineering module on an MSc. in Software Engineering.
Covering Perl, RegExs, MySQL, Ajax, web security, and Python.

Linux Administrator and developer

2003 - 2008 Politics.ie/Bigulo.com/ThePropertyPin.com
Administrator and developer on a number of high traffic websites.

Teaching assistant

2003 - 2008 Dept. of Computer Science,
National University of Ireland, Maynooth.
Supervision: Supervised 2 final year BSc students. Teaching assistant for: Networks, Operating Systems, UML, Programming paradigms, Software engineering group project.

Intern Software Engineer

February 2002- September 2002 Ericsson Expertise Systems Ltd,
Clonskeagh, Dublin 4, Ireland.

Memberships & Interests

Contributed to open source projects: Java Distributed Computing Platform (Java), thumbsUp (perl), o2sms (perl), w/procps (C).
Member of the IT society (Minds) in NUI Maynooth for 9 years, and treasurer in 2004/2005.
Leadership trainer for Gluais and Meitheal, which teaches senior second level students leadership and

teamwork skills. Involved for 4 years.

Member of the Association for Computing Machinery since 2003.

Member of IEEE since 2004.

Member of Scouting Ireland for over 13 years, achieving the Explorer belt which is the highest achievement in Scouting. Assistant scout leader for 2 years.

Member of the Lucan Concert Band for over 10 years.

Youth leader in Club Na nÓg for 3 years.

References available upon request.